

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D350-794 REV. F OR EARLIER AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-794 REV. 6 OR EARLIER

REF. TCCA STC:SH05-4

REF. EASA STC: 10031514

REF. BRAZIL STC: 2002S09-07-08

REF. AUSTRALIAN STC: ASR063SY

REF. FAA STC: SR02794NY

PURPOSE:

TO PROVIDE INSTRUCTIONS THAT ALLOW INSTALLATION OF D4968-3 NEOPRENE CUSHION TO PREVENT THE D4464-041 AUX. FUEL TANK FROM CHAFING IN SERVICE.

CHANGE:

CUSTOMERS/OPERATORS WITH D350-794-111 KITS AT CHG 003 AND EARLIER, D350-794-141 AT CHG 001, AND D130-794-121 AT CHANGE 003 AND EARLIER CAN PROCURE DSI-9672-011 KIT FROM DART TO UPGRADE THEIR KITS WITH THE NEOPRENE CUSHION.

PARTS LIST:

QTY -011	PART NUMBER	DESCRIPTION
X	DSI-9672-011	CUSHION INSTALLATION
1	D4968-3	CUSHION, SIDE

INSTALLATION:

REMOVE THE D4404-3/-5 CUSHIONS AS INDICATED IN FIGURE 1 OF THIS SERVICE INSTRUCTION, CLEAN RESIDUAL ADHESIVE OFF OF TANK SURFACE USING AN APPROVED SOLVENT SUCH AS TOLUENE.

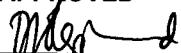
INSTALL THE D4968-3 CUSHION IN ACCORDANCE WITH FIGURE 1 OF THIS SERVICE INSTRUCTION. APPLY A THIN, UNIFORM LAYER OF CONTACT CEMENT (3M 1300/1301 SCOTCHGRIP ADHESIVE OR EQUIVALENT) TO THE BACK OF THE NEOPRENE CUSHION, THEN FIRMLY PRESS IT INTO POSITION ON THE TANK.

NOTE: TRIM TO FIT IF REQUIRED.

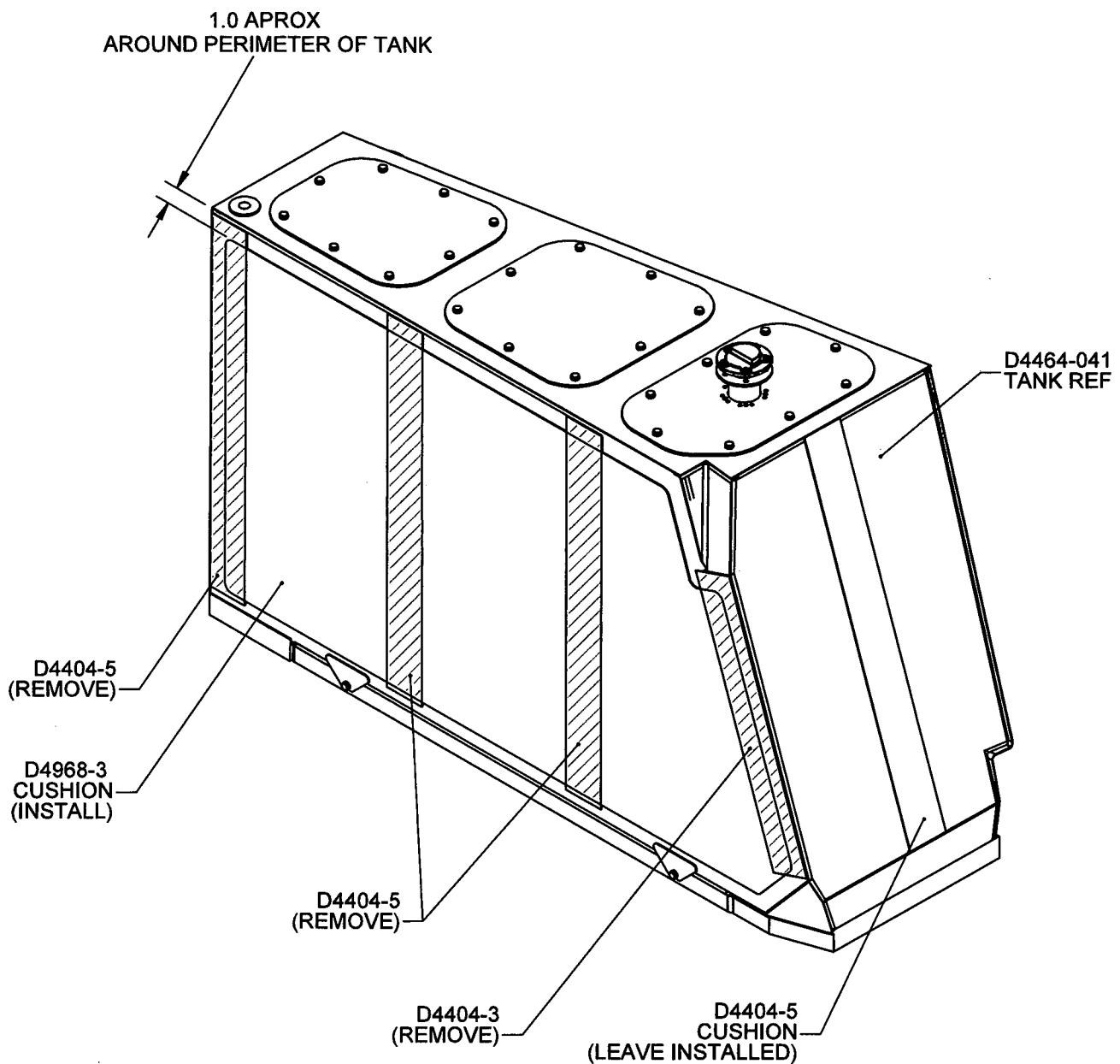
WEIGHT AND BALANCE:

THE FOLLOWING TABLE LISTS THE NEW WEIGHT AND BALANCE OF THE -111/-121 KITS AFTER DSI-9672-011 KIT HAS BEEN INSTALLED.

INSTALLATION	WEIGHT	LATERAL		LONGITUDINAL	
		ARM	MOMENT	ARM	MOMENT
D350-794-111 AUXILIARY FUEL TANK (WITH DSI 9672 INCORPORATED) (AS350 MODELS)	34.2 lb 15.5 kg	-22.0 in -0.56 m	-752.4 in-lb -8.7 m-kg	126.0 in 3.20 m	4309.2 in-lb 49.6 m-kg
D130-794-121 AUXILIARY FUEL TANK (WITH DSI 9672 INCORPORATED) (EC130 MODELS)	34.2 lb 15.5 kg	-23.6 in -0.60 m	-807.1 in-lb -9.3 m-kg	126.0 in 3.20 m	4309.2 in-lb 49.6 m-kg

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-O-01	
APPROVED	
BY:	
D. SHEPHERD (DE # 02)	
DATE:	13.11.05
CERT. NO.:	SH05-4
ISSUE NO.:	3

A	NEW ISSUE			ML	13.11.04
REV.	DESCRIPTION			BY	DATE
DESIGN	ML	DART AEROSPACE LTD			
DRAWN	ML	HAWKESBURY, ONTARIO, CANADA			
CHECKED	B				
MFG. APPR.	N/A				
APPROVED		DRAWING NO.			REV. A
DE APPR.		DSI 9672			SHEET 1 OF 2
DATE	13.11.04	TITLE			SCALE
		CUSHION INSTALLATION			NTS
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NOTE: ALIGN D4968-3 WITH APPROXIMATELY 1.0" GAP AROUND EDGE OF TANK, TRIM IF REQUIRED

FIGURE 1 - CUSHION INSTALLATION

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-O-01	
APPROVED	
BY:	<i>[Signature]</i>
D. SHEPHERD (DE # 02)	
DATE:	13.11.05
CERT. NO.:	SH05-4
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DESIGN	ML	DART AEROSPACE LTD	
DRAWN	ML	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9672	SHEET 2 OF 2
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	CUSHION INSTALLATION	
DATE	13.11.04	NTS	

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